# USBPP2 – Power Pack 2000 - (BLACK)

# Model Number: USBPP2-RO

## User Manual

Please read this manual thoroughly before using your Ross Power Pack and then retain for future reference

### 1.1 Important Safety Instructions:

- Please read these instructions carefully and retain for future reference. If you sell, or give this aerial away be sure to pass on the instructions.
- There are no user serviceable parts inside this unit. **DO NOT** open there are dangerous voltages inside. Electric shock hazard.
- This unit operates on a 2000mAh capacity
- During use, this device may become warm, this is normal.
- The marking plate is located on the bottom enclosure of the apparatus.
- **DO NOT** place naked flames (such as candles) on this equipment.
- **DO NOT** operate close to heaters or other heat sources.
- **DO NOT** stand on soft furnishings
- **DO NOT** operate this unit in damp conditions or allow water or other fluids to enter the enclosure. If this happens, switch off IMMEDIATELY and refer the device to the Ross helpline.
- **DO NOT** clean this device using solvent based products. Use only a soft dry cloth.
- **DO NOT** leave this product in a hot or humid environment.

### 1.2 General Information

- Thank you for choosing the Ross Power Pack 2000 (Black). Treated with care and used in accordance with the contents of this manual it will provide many years of reliable service
- This symbol indicates that, at the end of its useful life, this product must not be disposed of with normal domestic waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please recycle it responsibly.
- CE This product conforms to all applicable EU legislation for this type of product. Further information can be obtained from Ross if required.

### 2.0 In the Box:

Please open your box carefully and check the contents which should be as the list below: If anything is missing please contact the Ross helpline or return the product to the point of purchase.

- Ross Power Pack
- USB to Micro USB cable 30cm or 11.8 inches
- User manual

### 3.0 Product Specifications

Please find the detailed specifications for the Ross Power Bank below:

- Real Capacity: 2000mAh
- Input: 5V / 1A
- Output: 5V / 1A
- Battery: Lithium Polymer Battery
- Weight: 60.5g
- Dimensions (L*W*H) 61*71*12mm
- Charging Time: 2.5 Hours
- Static Power Consumption: ≤20μA
- Cycle Life: > 500 Times

## 4.0 Product Features

Please find details of the Ross Power Pack below:

- An excellent choice for instant portable power, simply connect your portable device via the USB socket & press the button for instant charging
- Light-weight, compact and robust design
- Long service life, more than 500 charging/discharging
- LED Power indicator to show the charge status
- Includes 11.8" (30cm) Micro USB to USB charge cable
- The use of advanced intelligent protection chip, overcharge, discharge, short circuit and leakage protection

## 5.0 Product Instructions

The product will require charging upon purchase. The cable provided will charge the power bank with power and depending on the connector type of your device (Cable is Micro USB) you can also use the cable to charge your device.

## 5.1 Product Details

① 4 level indicator light
② Power Indicator Light button
③ USB 1.0A output interface
④ Micro USB input interface

## 5.2 Charging the Power Bank

Using the provided cable, connect the Micro USB via the Micro USB input interface, connect the USB end of the cable to an appropriate charging port (Examples include a USB plug or a USB input interface on a laptop). The Blue LED indicator lights will start to flash. Charging should take approx. 2.5 hours, however when fully charged the LED indicator lights with all be continuously on. Once fully charged disconnect the cables.

## 5.3 Charging a device

To charge a device with another connector type other than Micro USB (iPhone for example). Then use the original cable supplied with the device you are charging. Place the USB end of the cable into (3 USB 1.0A output interface, then place the connector into your device. Press the power indicator light. The charge icon on your device should now indicate your device is charging.

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Your device will charge at various speeds depending on the voltage of the device, for larger devices which require larger output the Power Pack will offer an extension to the life of the battery charge, but may not fully recharge the device.

## 5.4 LED Indicators

The LED lights are a direct indication of how much charge is in the device. You can check this at any time by pressing the power indicator button.

**4 LED Lights:** 75- 100% Power Capacity

**3 LED Lights:** 50-75% Power Capacity

**2 LED Lights:** 25-50% Power Capacity

**1 LED light:** 0-25% Power Capacity

## 6.0 Additional Notes & Tips

- The product can become warm when in use this is normal.
- For first time charge the product may need 8-10 hours to become fully charged.
- The product will lose charge if left for a long period of time without use.
- Please ensure you keep the USB ports on the device clean, if they require cleaning use a dry cloth.